

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: **87103169.6**

(51) Int. Cl.⁵: **B01J 20/20**

(22) Date of filing: **06.03.87**

(30) Priority: **18.10.86 JP 248146/86**

(43) Date of publication of application:
27.04.88 Bulletin 88/17

(64) Designated Contracting States:
CH DE FR GB IT LI NL

(88) Date of deferred publication of the search report:
16.05.90 Bulletin 90/20

(71) Applicant: **KANEBO, LTD.**
17-4 Sumida 5-chome Sumida-ku
Tokyo 131(JP)

(72) Inventor: **Marumo, Chisato**
1-91-209, Mitsuigaoka 5-chome
Neyagawa-shi Osaka-fu(JP)
Inventor: **Hayata, Eiji**
6-10-506, Tomobuchi-cho 1-chome
Miyakojima-ku
Osaka-shi Osaka-fu(JP)

(74) Representative: **Hansen, Bernd, Dr.rer.nat. et**
al
Hoffmann, Eitle & Partner Patentanwälte
Arabellastrasse 4 Postfach 81 04 20
D-8000 München 81(DE)

(54) **Method of separating gaseous mixture.**

(57) A method of separating at least a first gas from a gaseous mixture, which comprises contacting a gaseous mixture containing a first and a second gas having different chemical compositions in an amount of at least 50% by volume based on the entire mixture with a carbonaceous porous body having a carbon content of at least 85% by weight and containing open cells in a three-dimensional network structure so that the open cells of the porous body form substantial flow passages for the gaseous mixture, thereby to adsorb at least the second gas physically on the porous body.

EP 0 264 523 A3



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
A	US-A-4 518 704 (Y. OKABAYASHI et al.) * claims 1,8; column 2, lines 20-32 * ---	1	B 01 J 20/20 B 01 D 53/04
A	EP-A-0 015 115 (ROHM AND HAAS COMP.) * claims 1,5,16 * ---	1	
A	DE-A-3 105 887 SCHUMACHER'SCHE FABRIK) * claim 1; abstract * -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 01 D 53/00 B 01 J 20/00
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 20-12-1989	Examiner BERTRAM H E H
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			